

Sub C7 23/2. The system of claim 2 wherein the alarm condition occurs when the first ID does not match the first stored ID.

24/4. The system of claim 2 wherein the transceiver module further includes a processor for comparing the first ID to the first stored ID.

Sub B10 25/5. The system of claim 1 wherein the first ID has an associated energy level, the transceiver module indicating an alarm condition by comparing the energy level to a threshold value.

26/6. The system of claim 5 further including a comparator for comparing the energy level to the threshold value.

27/7. The system of claim 5 wherein the transceiver module further includes a processor for determining the energy level and evaluating whether the energy level is below the threshold value.

AI Sub B7 28/8. The system of claim 1 further including a second transmitter for transmitting a second ID, the transceiver module receiver receiving the second ID to electronically associate the second transmitter with the transceiver module by generating a second stored ID.

Cont. Sub C7 29/9. The system of claim 8 wherein the second transmitter includes a receiver and an alarm, the transceiver module transmitting an alarm signal to the second transmitter receiver upon failure of a preset condition, the second transmitter responding to the alarm signal by activating the alarm.

Sub C7 30/10. The system of claim 8 wherein the transceiver module activates an alarm when the first and the second transmitters are separated by more than a preset distance.

Sub B11 31/11. The system of claim 1 wherein the transceiver module activates an alarm when the first transmitter is separated from the transceiver module by more than a preset distance.

Sub C7 32/12. The system of claim 8 wherein the transceiver module activates an alarm only when both the first and the second transmitters are separated from the transceiver module by more than a preset distance.

sub. B12 33-15 The system of claim 1 further including a controller, the transceiver module wirelessly transmitting messages to the controller, the messages including an indication of receipt of the first ID.

5A 34-14 The system of claim 13 wherein the controller receives messages from a plurality of transceiver modules, the controller determining a location of the transmitter and the locations of the transceiver modules from the messages.

35-15 The system of claim 14 wherein the controller includes a processor for determining the locations of the transmitter and the transceiver modules.

sub. B13 36-16 The system of claim 1 further including an actuator connected to the transceiver module, the actuator being actuated upon an indication by the transceiver module of an alarm condition.

AI 5A 37-17 A method of monitoring objects including the steps of:  
transmitting a first ID signal from a first transmitter corresponding to a first object;  
receiving the first ID signal at a transceiver module;  
associating the first transmitter with the transceiver module by storing a first ID corresponding to the first ID signal;  
comparing the first ID signal to the first ID to determine whether a preset condition is satisfied; and  
signaling an alarm when the preset condition is not satisfied.

AI 38-18 The method of claim 17 further including the step of:  
determining an energy level of the first ID signal, the preset condition including a condition wherein the energy level is greater than or equal to a preset energy level.

<sup>37</sup>  
~~19.~~ The method of claim ~~17~~<sup>37</sup> further including the steps of:  
transmitting a second ID signal from a second transmitter corresponding to a second object;  
associating the second transmitter with the first transmitter and the transceiver module by storing a second ID corresponding to the second ID signal; and  
comparing the second ID signal to the second ID to determine whether the preset condition is satisfied.

<sup>39</sup>  
~~20.~~ The method of claim ~~19~~<sup>39</sup> further including the steps of:  
receiving at the second transmitter an alarm signal transmitted from the transceiver module when the preset condition is not satisfied; and  
activating an alarm indicator at the second transmitter upon receipt of the alarm signal.

<sup>37</sup>  
~~21.~~ The method of claim ~~17~~<sup>37</sup> wherein the preset condition includes a condition wherein the first transmitter is within a preset distance from the transceiver module.

<sup>37</sup>  
~~22.~~ The method of claim ~~17~~<sup>37</sup> further including the steps of:  
transmitting messages from the transceiver module to a controller, the messages including an indication of receipt by the transceiver module of the first ID signal;  
and

determining the location of the first transmitter from the messages.

<sup>37</sup>  
~~23.~~ An object monitoring system including:  
a plurality of transmitters corresponding to objects to be monitored, the transmitters each transmitting a respective, unique ID;  
a plurality of transceiver modules, each transceiver module including a receiver for receiving IDs from the transmitters to associate with the transceiver module the transmitters from which IDs are received by storing IDs corresponding to the received IDs;  
and